

(iii) the switching elements are connected to the pixel electrodes through a third wiring layer.

Consequently, even if one or both of the first and second wiring layers is cut off, the switching elements are connected to the pixel electrodes via the third wiring layer. Because of this configuration, it is possible to continuously display pixels. That is, the purpose of the present invention is to provide a flat display wherein a short-circuit defect location of an auxiliary capacity signal line and auxiliary capacity electrode can be repaired.

In contradiction thereto, Baron illustrates in Figure 15 a plurality of insulation layers and auxiliary electrode layers which are alternately arranged in up and down directions in order to increase the capacitances of the auxiliary capacities. The auxiliary electrode layers of Baron are in themselves the electrodes of the auxiliary capacitors. Baron neither discloses nor suggests that a plurality of the wiring layers connected to the auxiliary capacity electrodes are arranged in up and down directions. That is, Baron neither discloses nor suggests the first and third wiring layers of the present invention.

The reason why Baron has a plurality of auxiliary electrode layers is to increase the capacitances of the auxiliary capacities, but not to cut off the defective auxiliary capacitances. Baron does not disclose the structure of the wiring layer connecting the auxiliary capacitors to the switching elements. Consequently, the structure of the present invention capable of performing the repair would not have been anticipated or rendered obvious from the description of Baron. Furthermore, Baron neither discloses nor suggests the functions and advantageous effects of the present invention (e.g., the repair feature).

Similarly, Yamamoto discloses a the liquid crystal display apparatus having auxiliary capacities. However, Yamamoto neither discloses nor suggests the first to third wiring layers or the repair feature of the present invention. Consequently, Baron is not believed to

anticipate or render obvious the claimed subject matter when considered alone or in combination with Yamamoto et al.

In light of the above discussion, it is respectfully submitted that claim 7 is patentable distinguishable from the applied patents, and the dependent claims 8-12 are therefore also patentable distinguishable from the applied patents.

Consequently, no further issues are believed to be outstanding in the present application, and the present application is believed to be in condition for formal allowance. An early and favorable action is therefore, respectfully requested.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.

W. Todd Baker

Gregory J. Maier
Registration No. 25,599
Attorney of Record
W. Todd Baker
Registration No. 45,265



22850

Fax #: (703) 413-2220
GJM:WTB/smi

I:\ATTY\WTB\0039\197689US\197689US-RECON.DOC